

U. S. TREASURY DEPARTMENT

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THE NOTIFIABLE DISEASES

PREVALENCE IN STATES

1931

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THE NOTIFIABLE DISEASES

PREVALENCE DURING 1931 IN STATES

The tables which appear on the following pages have been compiled from data furnished by the health officers of the several States, the District of Columbia, and insular possessions. The data for syphilis and gonorrhea were furnished by the division of venereal diseases of the Public Health Service. The reports for Rocky Mountain spotted fever, tularaemia, typhus fever, and undulant fever have been supplemented by other data received by the Public Health Service.

The following is a list of the diseases included:

- | | |
|--|--|
| <ul style="list-style-type: none"> Typhoid fever (1). Typhus fever (3). Undulant fever (5). Smallpox (6). Measles (7). Scarlet fever (8). Whooping cough (9). Diphtheria (10). Influenza (11). Cholera (12). Plague (14). Foliomyelitis (16). Lethargic encephalitis (17). Meningococcus meningitis (18). Anthrax (20). Rabies in animals. | <ul style="list-style-type: none"> Rabies in man (21). Tuberculosis (respiratory system and all forms) (23-32). Syphilis (34). Gonorrhea (35). Yellow fever (37). Malaria (38). Chicken pox (44a). Dengue (part 44c). Mumps (part 44c). Rocky Mountain spotted fever (part 44c). Tularaemia (part 44c). Pellagra (62). Pneumonia (all forms) (107-109). Septic sore throat (115a). |
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NOTE.—Figures in parentheses refer to International List of Causes of Death.

Morbidity and mortality data for 1931 were received from all the States (including the District of Columbia) except Utah.

The populations given in the tables and used in computing case and death rates were estimated as of July 1, 1931, by the Bureau of the Census.

The estimated expectancy, given in the summary for some of the diseases, is the result of an attempt to ascertain from the experience of recent years how many cases of the disease under consideration might be expected in 1931. The estimated expectancy is the median number of cases reported for the years 1924 to 1930, inclusive.

In comparing the figures for 1931 with the estimated expectancy, or with reports for preceding years, it should be borne in mind that there has been a gradual improvement in the reporting of notifiable diseases during the last few years. An increase in the number of cases reported may be due to better reporting of the particular disease rather than to an increase in the number of cases occurring.

A relatively large number of reported cases of a notifiable disease, as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths), usually means that the health department of that State is active and that the cases of the disease are being well reported by the practicing physicians. It does not necessarily mean that the disease is more prevalent in that State than in other States.

In some instances comparatively large numbers of cases of diseases reported in certain States may be due to the system of reporting rather than to unusual prevalence of the diseases. For instance, in Mississippi physicians report some diseases monthly to the State health officer, giving the number of cases occurring in their practice during the month. This method of reporting probably is responsible, in part, at least, for the comparatively large numbers of cases of certain diseases reported in Mississippi.

Tabulations of reported cases of, and deaths from, notifiable diseases, have been issued by the United States Public Health Service since 1912. (Reprints numbered 163, 208, 298, 345, 426, 505, 551, 643, 681, 791, 879, 974, 1,056, and 1,132, and supplements numbered 67, 73, 79, 88, and 104.)

SUMMARY

TYPHOID FEVER (1)

47 States: ¹	
Cases reported, 1931 (population 123,558,000)	26,459
Estimated expectancy, based on years 1924-1930	31,088
Cases per 1,000 inhabitants, 1931	0.214
Cases per 1,000 inhabitants, estimated expectancy	0.264
Deaths registered, 1931	5,721
Deaths per 1,000 inhabitants, 1931	0.046
Cases reported for each death registered, 1931	5

¹ The District of Columbia is also included.

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		SMALLPOX (6)	
47 States: ¹			
	Cases reported, 1931 (population 123,558,000)	30,151	
	Estimated expectancy, based on years 1924-1930	33,685	
	Cases per 1,000 inhabitants, 1931	0.244	
	Cases per 1,000 inhabitants, estimated expectancy	0.286	
	Deaths registered, 1931	104	
	Deaths per 1,000 inhabitants, 1931	0.001	
	Cases reported for each death registered, 1931	290	
		MEASLES (7)	
47 States: ¹			
	Cases reported, 1931 (population 123,558,000)	474,540	
	Estimated expectancy, based on years 1924-1930	340,863	
	Cases per 1,000 inhabitants, 1931	3.841	
	Cases per 1,000 inhabitants, estimated expectancy	2.866	
	Deaths registered, 1931	3,345	
	Deaths per 1,000 inhabitants, 1931	0.027	
	Cases reported for each death registered, 1931	142	
		SCARLET FEVER (8)	
47 States: ¹			
	Cases reported, 1931 (population 123,558,000)	200,607	
	Estimated expectancy, based on years 1924-1930	177,938	
	Cases per 1,000 inhabitants, 1931	1.624	
	Cases per 1,000 inhabitants, estimated expectancy	1.512	
	Deaths registered, 1931	2,618	
	Deaths per 1,000 inhabitants, 1931	0.021	
	Cases reported for each death registered, 1931	77	
		WHOOPING COUGH (9)	
47 States: ¹			
	Cases reported, 1931 (population 123,558,000)	169,283	
	Estimated expectancy, based on years 1924-1930	160,848	
	Cases per 1,000 inhabitants, 1931	1.370	
	Cases per 1,000 inhabitants, estimated expectancy	1.367	
	Deaths registered, 1931	4,508	
	Deaths per 1,000 inhabitants, 1931	0.036	
	Cases reported for each death registered, 1931	38	
		DIPHTHERIA (10)	
47 States: ¹			
	Cases reported, 1931 (population 123,558,000)	70,671	
	Estimated expectancy, based on years 1924-1930	90,739	
	Cases per 1,000 inhabitants, 1931	0.572	
	Cases per 1,000 inhabitants, estimated expectancy	0.771	
	Deaths registered, 1931	6,132	
	Deaths per 1,000 inhabitants, 1931	0.050	
	Cases reported for each death registered, 1931	12	
		INFLUENZA (11)	
40 States: ¹			
	Cases reported, 1931 (population 93,896,000)	208,555	
	Cases per 1,000 inhabitants, 1931	2.221	
	Deaths registered, 1931	25,425	
	Deaths per 1,000 inhabitants, 1931	0.271	
	Cases reported for each death registered, 1931	8	
47 States: ¹			
	Deaths registered, 1931 (population 123,558,000)	32,356	
	Deaths per 1,000 inhabitants, 1931	0.262	
		POLIOMYELITIS (INFANTILE PARALYSIS) (16)	
42 States: ¹			
	Cases reported, 1931 (population 107,820,000)	15,780	
	Estimated expectancy, based on years 1924-1930	3,746	
	Cases per 1,000 inhabitants, 1931	0.146	
	Cases per 1,000 inhabitants, estimated expectancy	0.037	
	Deaths registered, 1931	1,937	
	Deaths per 1,000 inhabitants, 1931	0.018	
	Cases reported for each death registered, 1931	8	
47 States: ¹			
	Deaths registered, 1931 (population 123,558,000)	2,096	
	Deaths per 1,000 inhabitants, 1931	0.017	
		LETHARGIC ENCEPHALITIS (17)	
45 States: ¹			
	Deaths registered, 1931 (population 119,820,000)	989	
	Deaths per 1,000 inhabitants, 1931	0.008	
		MENINGOCOCCUS MENINGITIS (18)	
40 States: ¹			
	Cases reported, 1931 (population 116,557,000)	5,426	
	Estimated expectancy, based on years 1924-1930	3,370	
	Cases per 1,000 inhabitants, 1931	0.047	
	Cases per 1,000 inhabitants, estimated expectancy	0.030	
46 States: ¹			
	Deaths registered, 1931 (population 120,928,000)	2,575	
	Deaths per 1,000 inhabitants, 1931	0.021	
39 States: ¹			
	Deaths registered, 1931 (population 113,927,000)	2,490	
	Deaths per 1,000 inhabitants, 1931	0.022	
	Cases reported for each death registered, 1931	2	

¹ The District of Columbia is also included.

NOTIFIABLE DISEASES—STATES—1931

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TUBERCULOSIS (RESPIRATORY SYSTEM) (23)		
45 States: ¹		
Deaths registered, 1931 (population, 121,296,000).....	73,566	
Deaths per 1,000 inhabitants, 1931.....	0.606	
TUBERCULOSIS (ALL FORMS) (23-32)		
47 States: ¹		
Deaths registered, 1931 (population, 123,558,000).....	83,137	
Deaths per 1,000 inhabitants, 1931.....	0.673	
SYPHILIS (34)		
41 States: ¹		
Cases reported, 1931 (population, 116,631,000).....	239,482	
Cases per 1,000 inhabitants, 1931.....	2.053	
GONORRHEA (35)		
41 States: ¹		
Cases reported, 1931 (population, 116,631,000).....	156,919	
Cases per 1,000 inhabitants, 1931.....	1.345	
MALARIA (38)		
32 States:		
Cases reported, 1931 (population, 105,496,000).....	70,353	
Cases per 1,000 inhabitants, 1931.....	0.667	
Deaths registered, 1931.....	2,553	
Deaths per 1,000 inhabitants, 1931.....	0.024	
Cases reported for each death registered, 1931.....	28	
37 States:		
Deaths registered, 1931 (population, 114,980,000).....	2,649	
Deaths per 1,000 inhabitants, 1931.....	0.023	
CHICKEN POX (44A)		
47 States: ¹		
Cases reported, 1931 (population, 123,558,000).....	232,328	
Estimated expectancy, based on years 1924-1930.....	199,506	
Cases per 1,000 inhabitants, 1931.....	1.880	
Cases per 1,000 inhabitants, estimated expectancy.....	1.695	
45 States: ¹		
Deaths registered, 1931 (population, 117,886,000).....	140	
Deaths per 1,000 inhabitants, 1931.....	0.001	
Cases reported for each death registered, 1931.....	1,592	
MUMPS (PT. 44C)		
42 States: ²		
Cases reported, 1931 (population, 106,985,000).....	126,766	
Estimated expectancy, based on years 1924-1930.....	102,233	
Cases per 1,000 inhabitants, 1931.....	1.163	
Cases per 1,000 inhabitants, estimated expectancy.....	0.984	
44 States: ²		
Cases reported, 1931 (population, 114,843,000).....	129,012	
Cases per 1,000 inhabitants, 1931.....	1.123	
44 States: ²		
Deaths registered, 1931 (population, 114,965,000).....	89	
Deaths per 1,000 inhabitants, 1931.....	0.001	
42 States: ²		
Deaths registered, 1931 (population, 109,171,000).....	84	
Deaths per 1,000 inhabitants, 1931.....	0.001	
Cases reported for each death registered, 1931.....	1,491	
PELLAGRA (62)		
22 States: ¹		
Cases reported, 1931 (population, 59,495,000).....	27,807	
Cases per 1,000 inhabitants, 1931.....	0.467	
40 States: ¹		
Deaths registered, 1931 (population, 119,752,000).....	5,854	
Deaths per 1,000 inhabitants, 1931.....	0.049	
PNEUMONIA (ALL FORMS) (107-109)		
46 States: ¹		
Deaths registered, 1931 (population, 119,278,000).....	100,080	
Deaths per 1,000 inhabitants, 1931.....	0.839	
SEPTIC SORE THROAT (115A)		
27 States:		
Cases reported, 1931 (population, 75,907,000).....	4,706	
Cases per 1,000 inhabitants, 1931.....	0.062	
37 States: ¹		
Deaths registered, 1931 (population, 103,240,000).....	1,381	
Deaths per 1,000 inhabitants, 1931.....	0.013	

¹ The District of Columbia is also included.

² All 4 groups are different States.

NOTE.—Figures in parentheses refer to International List of Causes of Death.

Cases reported, 1931, by months

Disease	Num- ber of States ¹	Janu- ary	Febru- ary	March	April	May	June	July	August	Sept- ember	Octo- ber	No- vember	De- cember	Total
Typhoid fever (1).....	47	755	635	535	669	944	1,546	3,514	4,879	4,994	4,194	2,323	1,471	26,459
Typhus fever (3).....	15	20	7	5	13	9	19	38	52	32	42	35	31	332
Undulant fever (5).....	47	82	116	88	108	119	160	140	146	124	130	127	113	1,578
Smallpox (6).....	47	4,995	4,353	4,165	4,429	3,854	2,970	1,357	542	318	557	1,173	1,438	30,151
Measles (7).....	47	37,006	55,176	83,126	94,607	94,607	56,497	10,993	3,560	2,137	4,137	9,139	17,073	474,549
Scarlet fever (8).....	47	24,670	24,818	26,691	24,901	22,816	13,713	5,031	3,873	5,944	12,471	16,850	18,829	200,607
Whooping cough (9).....	47	12,511	11,434	14,118	14,904	15,537	15,981	17,310	14,405	12,319	11,347	13,667	15,750	169,283
Diphtheria (10).....	47	6,407	4,723	4,482	3,868	3,700	3,274	2,501	2,784	5,858	11,972	11,479	9,623	70,671
Influenza (11).....	40	48,539	67,842	42,861	18,147	6,099	2,219	1,518	1,874	2,099	3,703	5,371	7,063	208,555
Poliomyelitis (16).....	42	207	125	88	18	102	159	1,069	4,965	5,192	2,629	5,837	330	15,780
Lethargic encephalitis (17).....	18	64	56	59	59	54	47	55	311	255	255	28	29	15,603
Meningococcus meningitis (18).....	40	697	672	754	719	533	359	259	311	255	255	283	329	5,426
Anthrax in man (20).....	18	6	6	4	7	6	4	6	9	4	4	3	2	61
Rabies in animals.....	22	246	245	292	278	303	264	196	139	127	132	143	152	2,537
Rabies in man (21).....	47	5	6	1	1	7	5	4	5	3	8	4	4	58
Tuberculosis (respiratory) (23).....	47	4,517	4,070	5,079	4,607	4,487	4,657	4,779	4,330	4,437	4,278	3,729	3,969	52,959
Tuberculosis (all forms) (23-32).....	27	18,901	18,474	9,724	9,370	10,024	9,780	1,452	9,187	8,672	8,737	7,371	7,904	107,626
Syphilis (34).....	41	12,639	18,297	19,185	20,133	20,200	20,398	13,453	17,853	20,138	21,286	23,896	27,966	238,452
Malaria (35).....	47	2,296	2,290	1,424	1,438	1,055	895	736	1,400	1,936	1,767	1,842	2,810	17,343
Cholera (38).....	32	2,296	2,290	1,424	1,438	1,055	895	736	1,400	1,936	1,767	1,842	2,810	17,343
Chicken pox (44a).....	47	26,535	31,831	35,040	28,633	26,182	18,322	5,380	1,720	2,058	6,252	18,151	24,218	232,238
Dengue (part 44c).....	6	18	41	8	4	19	25	12	12	37	7	5,536	7,725	120,012
Mumps (part 44c).....	44	13,700	15,253	20,398	21,305	20,239	12,291	4,796	2,428	2,067	3,271	5,536	7,725	120,012
Rocky Mountain spotted fever (part 44c).....	19	1	1	20	21	57	42	24	18	6	3	3	1	6,252
Tularaemia (part 44c).....	37	172	43	10	16	19	13	26	16	20	14	48	215	7,675
Poliagra (62).....	19	925	1,250	1,569	2,588	4,470	5,652	5,439	2,179	1,193	1,010	849	683	27,807
Pneumonia (all forms) (107-109).....	22	17,987	17,371	14,944	10,833	7,140	4,730	3,445	2,648	3,330	4,053	5,197	7,367	99,045
Septic sore throat (115a).....	27	423	420	419	927	427	251	249	222	246	368	354	400	4,706

¹ The District of Columbia is also included.

² Includes 29 cases not reported by months.

³ Includes 125 cases not reported by months.

⁴ Exclusive of 684 cases of hilum tuberculosis reported in Massachusetts, and 37 nonresidents reported in Oregon.

⁵ Includes 114 cases not reported by months.

⁶ Includes 49 cases not reported by months.

⁷ Includes 46 cases not reported by months.

NOTE.—Figures in parentheses refer to International List of Causes of Death.

NOTIFIABLE DISEASES—STATES—1931

5

Cases and deaths reported, 1931, by States

State	Popula- tion, in thou- sands	Typhoid fever (1)		Typhus fever (3) 1		Undulant fever (5) 1		Smallpox (6)		Measles (7)		Scarlet fever (8)	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
NEW ENGLAND													
Maine.....	800	148	25	—	—	5	0	1	0	3,436	22	1,165	16
New Hampshire.....	467	29	10	—	—	1	0	5	0	1,998	14	1,227	1
Vermont.....	260	8	6	—	—	17	1	327	1	1,744	7	409	5
Massachusetts.....	4,260	250	30	1	—	15	0	6	0	16,581	64	12,782	101
Rhode Island.....	694	46	7	—	—	0	0	0	0	4,822	10	1,791	12
Connecticut.....	1,624	115	17	2	—	20	0	96	0	12,868	37	1,970	11
MIDDLE ATLANTIC													
New York.....	12,756	1,133	134	16	2	171	4	461	0	54,405	221	26,565	219
New Jersey.....	4,109	269	41	—	—	49	0	9	0	20,292	95	8,823	84
Pennsylvania.....	9,700	1,509	205	—	—	55	4	10	0	79,757	441	26,060	223
EAST NORTH CENTRAL													
Ohio.....	6,714	1,256	168	—	—	115	5	1,767	3	21,913	150	18,402	226
Indiana.....	3,262	342	98	—	—	27	1	3,050	8	17,780	156	8,167	119
Illinois.....	7,718	807	127	—	—	124	7	1,766	4	36,206	333	16,775	361
Michigan.....	4,931	424	73	—	—	19	1	915	0	6,212	28	13,023	122
Wisconsin.....	2,962	147	20	—	—	71	1	306	0	14,980	41	4,657	62
WEST NORTH CENTRAL													
Minnesota.....	2,577	193	18	—	—	72	1	305	2	3,058	7	3,046	24
Iowa.....	2,476	103	34	—	—	48	5	2,225	6	904	3	3,086	41
Missouri.....	3,646	698	255	—	—	162	0	1,396	8	16,915	269	8,463	195
North Dakota.....	683	151	14	—	—	42	0	417	1	1,075	5	923	18
South Dakota.....	697	98	20	—	—	6	0	754	0	1,759	2	714	3
Nebraska.....	1,384	75	2	—	—	5	4	1,292	2	348	4	1,453	22
Kansas.....	1,889	254	41	—	—	64	5	2,529	7	1,782	8	2,364	23
SOUTH ATLANTIC													
Delaware.....	240	51	11	—	—	2	0	0	0	2,430	20	722	4
Maryland.....	1,645	787	89	—	—	47	0	0	0	20,610	98	3,377	30
District of Columbia.....	2,491	64	19	1	—	3	1	0	0	4,234	12	860	5
Virginia.....	2,430	1,533	192	4	—	20	2	124	1	17,974	86	3,801	37
West Virginia.....	1,749	1,203	222	1	—	5	0	242	1	5,003	42	1,812	30
North Carolina.....	3,217	991	155	6	—	—	2	63	2	15,499	103	3,461	64
South Carolina.....	1,743	1,351	290	13	—	—	0	78	0	3,359	38	505	17
Georgia.....	2,909	1,226	486	127	1	38	3	176	0	3,180	62	1,129	44
Florida.....	1,506	1,183	87	28	3	3	1	27	0	3,899	36	2,266	7

1 Cases of typhus fever and undulant fever reported by State health officers have been supplemented by reports received from other sources.

Cases and deaths reported, 1931, by States—Continued

State	Population, in thousands	Typhoid fever (1)		Typhus fever (3) ¹		Undulant fever (5) ¹		Smallpox (6)		Measles (7)		Scarlet fever (8)	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
EAST SOUTH CENTRAL													
Kentucky.....	2,630	1,127	379	—	—	20	6	329	7	4,837	173	3,353	76
Tennessee.....	2,638	1,761	277	1	—	7	—	662	3	9,751	102	4,056	64
Alabama.....	2,669	1,992	186	80	4	20	5	285	0	9,303	172	1,814	30
Mississippi.....	2,026	1,059	211	—	—	3	0	1,268	2	1,556	9	1,220	11
WEST SOUTH CENTRAL													
Arkansas.....	1,862	812	350	—	—	12	0	760	6	848	26	877	30
Louisiana.....	2,125	1,402	308	1	—	59	4	634	2	247	12	1,490	16
Oklahoma.....	2,424	1,056	262	—	—	13	6	1,968	11	755	12	1,490	37
Texas.....	5,913	1,836	538	43	9	11	5	1,819	13	2,424	77	1,893	80
MOUNTAIN													
Montana.....	538	137	12	—	—	4	0	129	0	1,634	2	1,223	10
Idaho.....	446	141	19	—	—	23	0	127	0	245	10	697	11
Wyoming.....	228	24	3	—	—	1	1	59	0	158	0	619	3
Colorado.....	1,043	209	67	7	—	7	0	227	2	4,835	32	1,428	31
New Mexico.....	428	223	39	—	—	5	0	58	0	1,430	34	351	8
Arizona.....	443	131	25	—	—	12	0	47	0	2,415	106	202	0
Utah.....	512	—	—	—	—	11	—	—	—	—	—	—	—
Nevada.....	92	12	0	—	—	0	0	1	0	543	2	45	1
PACIFIC													
Washington.....	1,579	234	22	—	—	24	0	1,112	3	3,458	32	1,912	18
Oregon.....	947	155	21	—	—	24	0	735	0	2,379	8	742	10
California.....	5,848	703	106	2	—	103	2	1,524	5	29,738	112	5,832	56
Total.....	124,070	26,459	5,721	332	22	1,578	74	30,151	104	474,549	3,345	200,607	2,618

¹ Cases of typhus fever and undulant fever reported by State health officers have been supplemented by reports received from other sources.

NOTE.—Figures in parentheses refer to International List of Causes of Death.

Cases and deaths reported, 1931, by States—Continued

CHOLERA (12)

No case of cholera, or death from this disease, was reported in the United States during the year 1931.

PLAGUE (HUMAN) (14)

No case of human plague, or death from this disease, was reported in continental United States during the year 1931.

One fatal case was reported August 2, 1931, in Kula District, Maui Island, Hawaii Territory.

NOTIFIABLE DISEASES—STATES—1931

Cases and deaths reported, 1931, by States—Continued

State	Whooping cough (9)		Diphtheria (10)		Influenza (11)		Poliomyelitis (16)		Lethargic encephalitis (17)		Meningococcus meningitis (18)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
NEW ENGLAND												
Maine.....	1,665	55	225	20	683	222	121	12	11	8	---	3
New Hampshire.....	144	13	82	15	416	127	73	11	---	1	---	2
Vermont.....	1,609	23	90	4	416	111	111	11	---	2	---	2
Massachusetts.....	7,174	88	2,381	130	1,235	432	1,428	114	34	24	101	30
Rhode Island.....	300	16	302	33	136	97	10	4	---	9	---	5
Connecticut.....	3,007	44	354	14	1,301	291	1,133	93	35	18	44	12
MIDDLE ATLANTIC												
New York.....	21,668	368	5,255	280	1,717	1,717	6,189	670	145	123	559	279
New Jersey.....	10,968	136	1,923	122	3,472	565	975	145	48	37	176	75
Pennsylvania.....	15,514	308	4,487	364	---	2,843	411	96	---	103	449	206
EAST NORTH CENTRAL												
Ohio.....	9,358	158	3,414	189	3,324	1,979	227	50	---	68	180	99
Indiana.....	2,654	26	1,957	37	1,239	1,141	70	19	---	25	205	183
Illinois.....	10,911	223	3,413	309	1,832	1,049	707	101	63	47	235	235
Michigan.....	11,448	190	4,831	172	3,357	856	1,137	108	82	33	283	131
Wisconsin.....	7,254	56	4,795	54	2,370	540	722	49	---	39	84	42
WEST NORTH CENTRAL												
Minnesota.....	1,860	57	859	38	696	564	822	66	28	24	117	44
Iowa.....	1,118	69	569	41	645	645	167	28	---	40	73	65
Missouri.....	3,788	143	2,659	251	1,796	1,367	83	18	---	---	270	93
North Dakota.....	716	35	283	21	226	159	43	5	10	4	77	24
South Dakota.....	407	38	410	18	---	158	36	15	---	4	21	2
Nebraska.....	780	38	532	48	536	311	38	15	4	---	39	22
Kansas.....	1,749	24	1,156	68	1,106	568	32	12	---	14	56	24
SOUTH ATLANTIC												
Delaware.....	281	11	271	15	278	57	6	1	---	1	---	4
Maryland.....	4,358	126	1,503	65	9,297	343	50	10	---	21	51	29
District of Columbia.....	719	28	28	35	228	89	17	4	4	---	58	28
Virginia.....	6,987	165	4,866	214	41,067	1,219	68	18	---	18	99	49
West Virginia.....	2,552	131	1,041	2,393	598	81	23	6	---	6	44	17
North Carolina.....	6,992	185	3,196	237	4,730	1,085	104	20	---	14	123	20
South Carolina.....	1,959	102	1,013	88	42,940	1,260	51	16	---	28	---	35
Georgia.....	111	11	978	145	12,358	1,283	34	7	---	12	87	52
Florida.....	420	25	1,543	74	---	607	17	---	---	9	36	10

EAST SOUTH CENTRAL											
Kentucky.....	1,476	180	2,427	385	7,355	1,095	53	33	14	7	127
Tennessee.....	2,522	109	2,457	269	7,991	991	53	24	24	14	379
Alabama.....	822	97	2,198	205	5,086	1,063	57	24	24	36	226
Mississippi.....	4,427	71	2,322	225	33,386	826	54	12	6	6	70
WEST SOUTH CENTRAL											
Arkansas.....	561	68	947	290	3,504	820	33	24	31	31	38
Louisiana.....	344	118	1,505	135	2,220	908	33	19	10	10	101
Oklahoma.....	467	58	2,072	290	3,792	467	5	20	5	5	26
Texas.....	1,251	149	2,276	554	1,952	931	48	48	25	25	44
MOUNTAIN											
Montana.....	1,127	48	105	9	339	173	58	14	7	7	31
Idaho.....	638	30	142	10	218	153	15	6	9	9	81
Wyoming.....	393	9	36	3	59	48	9	3	7	7	37
Colorado.....	1,933	84	344	35	379	379	7	4	7	7	22
New Mexico.....	349	46	387	44	259	157	16	5	1	1	38
Arizona.....	214	50	281	27	516	92	12	7	6	6	10
Utah.....	100	0	15	0	311	18	1	0	0	0	45
Nevada.....											6
PACIFIC											
Washington.....	3,111	52	466	34	1,061	445	86	17	31	31	29
Oregon.....	605	11	218	16	2,303	201	16	7	14	14	10
California.....	9,709	146	3,423	175	7,016	813	292	48	40	40	152
Total.....	169,283	4,508	70,671	6,132	298,555	32,356	15,780	2,066	603	989	5,426
											2,575

NOTE.—Figures in parentheses refer to International List of Causes of Death.

Cases and deaths reported, 1931, by States—Continued

ANTHRAX IN MAN (20)

State	Cases	Deaths	State	Cases	Deaths
NEW ENGLAND			SOUTH ATLANTIC		
Massachusetts.....	15	1	Delaware.....	2	0
New Jersey.....	3	0	North Carolina.....	1	0
Connecticut.....					
MIDDLE ATLANTIC			EAST SOUTH CENTRAL		
New York.....	8	2	Tennessee.....	2	0
New Jersey.....	6	0			
Pennsylvania.....	8	1	WEST SOUTH CENTRAL		
EAST NORTH CENTRAL			Arkansas.....	3	1
Ohio.....	1	0	Louisiana.....	0	0
Indiana.....		1	Oklahoma.....	2	2
Illinois.....		2	Texas.....	3	3
Michigan.....		1	MOUNTAIN		
WEST NORTH CENTRAL			Montana.....	1	0
Minnesota.....	1	1			
Iowa.....		1	PACIFIC		
Missouri.....	1	1	Washington.....	2	2
Nebraska.....	2	0	Oregon.....	1	0
Kansas.....		2	California.....	1	0
			Total.....	61	21

YELLOW FEVER (37)

No case of yellow fever, or death from this disease, was reported in the United States during the year 1931.

NOTIFIABLE DISEASES—STATES—1931

11

Cases and deaths reported, 1931, by States—Continued

State	Rabies in animals		Rabies in man (21)		Tuberculosis, respiratory (23)		Tuberculosis, all forms (23-32)		Syphilis (34)		Gonorrhea (35)		Malaria (38)		Chicken pox (44a)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
NEW ENGLAND																
Maine.....	.....	0	.....	338	.....	625	398	544	1,034	.....	.....	.....	0	.....	1,686	0
New Hampshire.....	.....	0	319	205	.....	.....	241	108	153	.....	.....	.....	1	.....	112	1
Vermont.....	.....	0	.....	214	.....	.....	246	388	460	.....	.....	.....	0	.....	1,725	0
Massachusetts.....	1,451	4	4,421	2,306	4,976	2,564	4,447	7,201	18	.....	.....	.....	2	.....	9,613	4
Rhode Island.....	18	0	576	369	635	432	577	584	1	.....	.....	.....	1	.....	638	3
Connecticut.....	56	0	1,256	795	1,371	883	2,078	1,662	5	.....	.....	.....	2	.....	3,351	0
MIDDLE ATLANTIC																
New York.....	172	2	18,580	7,811	19,732	8,537	51,524	15,434	59	.....	.....	.....	6	.....	22,193	16
New Jersey.....	.....	0	.....	2,417	7,688	4,060	7	.....	.....	.....	.....	.....	7	.....	12,262	9
Pennsylvania.....	.....	4	.....	5,063	3,624	5,680	18	.....	.....	.....	.....	.....	7	.....	28,857	31
EAST NORTH CENTRAL																
Ohio.....	.....	3	.....	3,638	7,662	4,204	7,673	4,491	32	.....	.....	.....	6	.....	18,459	11
Indiana.....	4	0	.....	1,695	3,173	1,980	2,814	1,928	0	.....	.....	.....	7	.....	8,720	0
Illinois.....	84	0	10,178	4,184	10,423	4,757	19,813	18,723	561	.....	.....	.....	60	.....	12,670	14
Michigan.....	.....	2	.....	2,263	6,132	2,660	7,843	14,662	13	.....	.....	.....	4	.....	11,531	0
Wisconsin.....	.....	0	.....	1,254	1,892	1,432	519	1,944	0	.....	.....	.....	0	.....	15,011	4
WEST NORTH CENTRAL																
Minnesota.....	4	0	.....	895	3,424	1,063	3,882	3,633	4	.....	.....	.....	0	.....	5,927	3
Iowa.....	.....	1	.....	612	2,740	2,625	3,879	2,530	315	.....	.....	.....	2	.....	2,721	3
Missouri.....	53	0	.....	2,357	2,268	306	407	1,023	0	.....	.....	.....	146	.....	3,065	0
North Dakota.....	.....	0	.....	276	306	306	407	475	0	.....	.....	.....	0	.....	1,064	0
South Dakota.....	.....	0	.....	325	399	355	1,714	812	3	.....	.....	.....	3	.....	1,173	2
Nebraska.....	.....	0	1,124	624	1,359	700	1,793	1,714	6	.....	.....	.....	3	.....	2,347	2
Kansas.....	94	0	.....	.....	.....	.....	.....	812	18	.....	.....	.....	6	.....	4,307	2
SOUTH ATLANTIC																
Delaware.....	20	0	234	183	207	1,272	397	0	.....	.....	.....	.....	0	.....	208	0
Maryland.....	44	0	2,673	1,428	2,756	1,597	2,631	2,147	17	.....	.....	.....	2	.....	4,287	2
District of Columbia.....	6	0	1,010	522	1,062	1,336	847	0	.....	.....	.....	.....	0	.....	893	0
Virginia.....	.....	1	.....	2,007	2,967	5,952	13	.....	.....	.....	.....	.....	13	.....	5,899	0
West Virginia.....	.....	3	.....	929	1,035	18,461	38	.....	.....	.....	.....	.....	1	.....	2,277	0
North Carolina.....	.....	2	.....	2,074	2,256	1,252	14,646	265	.....	.....	.....	.....	33	.....	4,856	2
South Carolina.....	169	2	1,188	1,188	1,558	2,521	3,071	1,466	.....	.....	.....	.....	285	.....	2,307	4
Georgia.....	.....	2	1,925	1,121	1,558	2,521	3,071	1,466	.....	.....	.....	.....	235	.....	2,307	2
Florida.....	92	3	983	1,983	1,067	3,465	205	357	.....	.....	.....	.....	297	.....	1,304	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	205	.....	1,209	0

¹ Exclusive of New York City.

¹ From the Department of Conservation.

Cases and deaths reported, 1931, by States—Continued

State	Rabies in animals		Rabies in man (21)		Tuberculosis, respiratory (23)		Tuberculosis, all forms (23-32)		Syphilis (34)		Gonorrhea (35)	Malaria (38)		Chicken pox (44a)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	
EAST SOUTH CENTRAL															
Kentucky.....	.....	5	.....	2,246	.....	2,474	3,905	.....	.....	54	4,578	.....	899	0
Tennessee.....	.....	9	.....	2,542	.....	2,887	7,559	.....	.....	140	9,408	.....	2,430	0
Alabama.....	96	3	.....	2,082	.....	2,315	12,911	.....	.....	217	5,550	.....	1,756	3
Mississippi.....	50	2	.....	1,498	.....	1,588	12,704	.....	.....	211	19,394	.....	6,382	.....
WEST SOUTH CENTRAL															
Arkansas.....	.....	2	.....	1,270	.....	1,358	4,472	.....	.....	499	2,997	.....	1,019	0
Louisiana.....	99	2	.....	1,636	.....	1,747	2,618	.....	.....	145	1,005	.....	426	3
Oklahoma.....	.....	1	.....	1,191	.....	1,287	.....	.....	.....	85	1,518	.....	9-7	6
Texas.....	594	0	.....	3,982	.....	3,304	3,744	.....	.....	243	1,160	.....	2,252	0
MOUNTAIN															
Montana.....	.....	0	.....	283	.....	321	.....	.....	.....	1	.....	.....	1,370	1
Idaho.....	1	0	.....	128	.....	139	129	.....	.....	0	36	.....	402	0
Wyoming.....	.....	0	.....	56	.....	66	.....	.....	.....	0	769	.....	0	0
Colorado.....	.....	1	.....	986	.....	1,041	867	.....	.....	0	433	.....	0	0
New Mexico.....	.....	0	.....	558	.....	699	.....	.....	.....	4	.....	.....	2,875	0
Arizona.....	26	1	.....	1,127	.....	1,207	189	.....	.....	2	127	.....	987	0
Utah.....	.....	.....	.....	.....	.....	1,273	.....	.....	.....	1	187	.....	589	1
Nevada.....	.....	0	.....	81	.....	91	.....	.....	.....	0	.....	.....	93	0
PACIFIC															
Washington.....	1	0	.....	.....	.....	943	2,096	.....	.....	0	2,930	.....	4,628	2
Oregon.....	3	0	.....	357	.....	493	5,292	.....	.....	1	1,071	.....	2,116	1
California.....	800	2	.....	4,747	.....	10,784	14,261	.....	.....	7	11,521	.....	16,647	6
Total.....	2,537	58	52,959	73,566	107,626	83,137	239,482	156,919	70,353	2,649	232,328	140			

* Exclusive of New York City.

* Exclusive of 37 nonresidents.

NOTE.—Figures in parentheses refer to International List of Causes of Death.

Cases and deaths reported, 1931, by States—Continued

DENGUE (PART 44C)

State	Cases		Deaths		State		Cases		Deaths	
SOUTH ATLANTIC										
South Carolina	85		0		WEST SOUTH CENTRAL					
Georgia	11		0		Louisiana		4		1	
					Texas		16		0	
EAST SOUTH CENTRAL										
Alabama	2		0		Total			201		1
Mississippi	83		0							

Cases and deaths reported, 1931, by States

State	Mumps (part 44c)		Rocky Mountain spotted fever ¹		Tularemia ¹ (part 44c)		Pellagra (62)		Pneumonia (all forms 107-109)		Septic sore throat (115a)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
NEW ENGLAND												
Maine	1,620	1							546	11		3
New Hampshire	1,313	2							337			15
Vermont	1,313	8							110			3
Massachusetts	5,594	8							2,715	226		46
Rhode Island	1,413	1							1,689	18		11
Connecticut	2,286	1							2,927	165		12
MIDDLE ATLANTIC												
New York	12,183	7			4	0			13,574	818		129
New Jersey	1,993	4	1		1	0			3,374			
Pennsylvania	15,140	12		1	10	0	24		10,113			126
EAST NORTH CENTRAL												
Ohio	12,515	12			117	3			5,273	1,061		167
Indiana	894	1			16	5			2,797			139
Illinois	8,311	2			126	4			5,583	120		106
Michigan	5,279	0			6	1			2,883	325		0
Wisconsin	21,088	3			27	1			1,947			63
WEST NORTH CENTRAL												
Minnesota		2			20	1			1,800			
Iowa	754	0	1		8	0	5		2,065			26
Missouri	987				32	0	36		1,644			
North Dakota	720	0							3,652	278		
South Dakota	285	0	1						618	467		3
Nebraska	3,005	1							388	3		0
Kansas	3,241	1	1		33	1	3		804	38		102
									1,716	975		

¹ Cases of Rocky Mountain spotted fever and tularemia reported by State health officers have been supplemented by reports received from other sources.² Lobar pneumonia only.

Cases and deaths reported, 1931, by States—Continued

State	Mumps (part 44c)		Rocky Mountain spotted fever ¹		Tularaemia ¹ (part 44c)		Pellagra (62)		Pneumonia (all forms 107-109)		Septic sore throat (115a)	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
SOUTH ATLANTIC	Delaware.....	359	0	1	—	0	—	0	—	—	—	4
	Maryland.....	2, 077	2	38	3	20	2	17	3, 646	2, 082	103	16
	District of Columbia.....	—	0	11	3	5	—	9	1, 433	692	—	4
	Virginia.....	—	—	22	4	42	1	696	200	2, 092	0	0
	West Virginia.....	253	0	—	—	3	9	—	1, 457	1, 457	—	0
	North Carolina.....	—	3	8	—	6	—	2, 820	678	2, 820	153	21
	South Carolina.....	1, 113	0	—	4	4	0	5, 841	573	1, 840	30	0
	Georgia.....	3, 096	3	5	—	5	—	5, 627	555	2, 411	491	9
	Florida.....	254	2	—	—	2	0	—	—	863	—	9
	Total.....	—	—	—	—	—	—	—	—	—	—	—
EAST SOUTH CENTRAL	Kentucky.....	281	0	—	48	0	103	84	—	2, 712	64	0
	Tennessee.....	1, 716	—	—	27	3	488	282	2, 321	2, 237	144	0
	Alabama.....	1, 177	3	4	6	1	1, 120	448	3, 313	2, 237	—	0
	Mississippi.....	2, 753	—	—	12	1	11, 208	541	9, 350	1, 253	—	9
	Total.....	—	—	—	—	—	—	—	—	—	—	—
WEST SOUTH CENTRAL	Arkansas.....	490	0	—	4	2	2, 586	432	—	1, 482	—	0
	Louisiana.....	82	1	5	3	26	2	1, 403	240	1, 747	29	7
	Oklahoma.....	214	5	—	—	12	239	716	239	2, 081	381	70
	Texas.....	1, 483	2	—	—	5	0	—	1, 039	4, 989	—	151
	Total.....	—	—	—	—	—	—	—	—	—	—	—
MOUNTAIN	Montana.....	731	4	30	3	2	—	0	—	361	38	9
	Idaho.....	294	0	20	5	3	0	—	0	379	8	0
	Wyoming.....	446	0	26	4	5	0	—	176	172	8	1
	Colorado.....	1, 469	0	6	3	1	1	1	—	1, 142	17	0
	New Mexico.....	523	0	—	—	3	—	43	—	501	—	21
	Arizona.....	163	1	1	—	3	0	6	—	568	0	0
	Utah.....	—	—	—	—	2	—	—	—	—	—	—
	Nevada.....	75	0	18	2	14	1	—	203	195	—	0
	Total.....	—	—	—	—	—	—	—	—	—	—	—
	PACIFIC	Washington.....	1, 736	3	—	—	0	—	0	—	876	1	0
Oregon.....		1, 964	0	52	3	1	—	4	—	1, 463	54	4
California.....		9, 132	2	1	—	11	0	76	42	3, 971	119	41
Total.....	129, 012	89	252	42	675	32	27, 807	5, 854	99, 045	100, 980	4, 708	1, 381

† Cases of Rocky Mountain spotted fever and tularemia reported by State health officers have been supplemented by reports received from other sources.

Lobar pneumonia only.

NOTE.—Figures in parentheses refer to International List of Causes of Death.

